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PTO/SB/05 (12/97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; US DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new non-provisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	ARW007USP	Total Pages	1
<i>First Named Inventor or Application Identifier</i>			
Alvin R. Wirthlin			
Express Mail Label No.	EK484549767US		

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Specification [Total Pages 46]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 USC 113) [Total Sheets 19]
4. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 Below]
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5. Incorporation By Reference (*useable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (*Appendix*)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & documents)
9. 37 CFR 3.73(b) Statement Power of Attorney
10. English Translation Document (*if applicable*)
11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. Small Entity Statement filed in prior application, Statement(s) Status still proper and desired
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other: Inventor Information (2 Sheets)
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.....
.....

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

 Continuation Divisional Continuation-in-part (CIP) of prior application No: 09/332,203 & 09/350,487

18. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label or Correspondence address below

NAME				
ADDRESS				
CITY	STATE		ZIP CODE	
COUNTRY	TELEPHONE		FAX	

Please type a plus sign in this box:

+

PTO/SB/01 (3-97)
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FEE TRANSMITTAL		Complete if Known			
		Application No.			
		Filing Date		04/07/01	
		First Named Inventor		Alvin R. Wirthlin	
		Group Art Unit			
<i>Patent fees are subject to annual revision.</i>		Examiner Name			
TOTAL AMOUNT OF PAYMENT		(\$)	472	Attorney Docket Number	ARW007USP

METHOD OF PAYMENT (check one)				FEES CALCULATION (continued)																																																																																																																																																				
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit 01-0657</p> <p>Account Number</p> <p>Deposit _____</p> <p>Account Name</p> <p><input checked="" type="checkbox"/> Charge Any Additional <input type="checkbox"/> Charge the Issue Fee Set in Fee Required Under 37 CFR 1.18 at the Mailing 37 CFR 1.16 and 1.17 of the Notice of Allowance</p> <p><input type="checkbox"/> Treat any future reply requiring an extension of time as incorporating a request therefor.</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th colspan="2">Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>Requesting publication of SIR prior to Examiner Action</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after to Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td></td></tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description		Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	139	130	139	130	Non-English specification	147	2,520	147	2,520	Requesting publication of SIR prior to Examiner Action	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840*	Requesting publication of SIR after to Examiner action	115	110	215	55	Extension for reply within first month	116	400	216	200	Extension for reply within second month	117	950	217	475	Extension for reply within third month	118	1,510	218	755	Extension for reply within fourth month	128	2,060	228	1,030	Extension for reply within fifth month	119	310	219	155	Notice of Appeal	120	310	220	155	Filing a brief in support of an appeal	121	270	221	135	Request for oral hearing	138	1,510	138	1,510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1,320	241	660	Petition to revive - unintentional	142	1,320	242	660	Utility issue fee (or reissue)	143	450	243	225	Design issue fee	144	670	244	335	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Petitions related to provisional applications	126	240	126	240	Submission of Information Disclosure Stmt	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	Other fee (specify) _____					Other fee (specify) _____				
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SUBMITTED BY				Complete (if applicable)		
Type or Printed Name	Alvin R. Wirthlin				Reg. Number	40,267
Signature	<i>Alvin R. Wirthlin</i>		Date	April 7, 2001	Deposit Account User ID	